

COSC1114 Operating System Principles

Assignment 1

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Github link: <https://github.com/VigneshRevivarma/OSP-Assignment1>

Task 1:

It is used to filter out the words and with length less than 3 or more than 15. Then it sorts to sorting words, the data source is wlist. Makefile will compile. Use task1filter to run the program.

Task 2:

Map2 is the code modified from Task 1, it behaves similarly to task1 but u use map2() to separate the words. Makefile will compile and can use task2 to run the program.

Task 3:

Task 3 is similar to task 1 and to filter out the data (will filter word with length less than 2 or longer than 15 then create task3 and threads by fork.